--<u>ABSTRACT</u>

A method at a telecommunications system and a data communications system which adapts resource reservation protocol for fixed networks to radio networks with large variation in bandwidth and quality. At hierarchical coding, a data stream is divided into separate data streams with different priorities. By a resource reservation protocol, then resources in the fixed network for the data streams are reserved. A node in the fixed network throws the data streams according to a predecided priority if the transmission capacity of the node decreases. If the transmission capacity at this node decreases, and the quality requirement of a data stream fails to be kept up, the data stream in question is thrown. After that, the node transmits a message to the nodes where the resource reservations are, towards the transmitter with the following content of: (1) update the resource reservations for the data stream, i.e. keep the resource reservations which are required to transmit the data stream; (2) use the reserved resource temporarily for other traffic; and (3) throw the data stream until different is stated.